

# tesa® 60416

## Product Information



## Silent Recycled Polyester Packaging Tape

### Product Description

tesa® 60416 is a carton sealing tape with a total recycled content of 55% and superior performance.

tesa® 60416 consists of a thin 90% recycled PET backing made from post consumer (PCR) waste and a versatile, industry proven water-based acrylic adhesive system. tesa® 60416 features a strong, puncture resistant backing and a temperature resistant adhesive, making this product a safe solution for medium weight packaging applications up to 30 kg. Thanks to the smooth, silent unwinding tesa® 60416 contributes to a good workplace environment. The backing is well printable with a multitude of ink systems.

### Sustainable Aspects

- 55% total recycled content
- Backing made with 90% recycled PET from post consumer waste
- Recycling friendly adhesive does not disturb the paper recycling process (Ingede method 12)
- Solvent-free production process



For more information: <https://www.tesa.com/product-sustainability>

### Product Features

- Smooth, silent unwinding
- Strong, tear and puncture resistant PET backing
- Humidity and temperature resistance
- Versatile water based acrylic adhesive

### Application Fields

- Carton sealing for medium weight cartons up to 30 kg
- Ideal for manual application in e-commerce, logistics and manufacturing industry where silent unwinding is needed
- Suitable for sealing cartons with dangerous goods

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### Technical Information (average values)

The values in this section should be considered representative or typical only and should not be used for specification purposes.

### Product Construction

- |   |          |  |                        |
|---|----------|--|------------------------|
| • Backing material                          | PET film | • Total sustainable product content excluding liners | Post-consumer recycled |
| • Post-consumer recycled content of backing | 90 %     |  | content of liner       |
| • Type of adhesive                          | acrylic  | • Total thickness                                    | 42 µm                  |

### Product Assortment

- |                    |                           |
|--------------------|---------------------------|
| • Available colors | transparent, brown, white |
|--------------------|---------------------------|

### Properties/Performance Values

- |                       |             |                              |                    |
|-----------------------|-------------|------------------------------|--------------------|
| • Elongation at break | 100 %       | • Printability               | yes                |
| • Tensile strength    | 45 N/cm     | • Silent unwinding           | yes                |
| • Hand tearability    | no          | • Suitable for deep freezing | yes                |
| • Humidity resistance | yes         | • Transport Information      | Temperature 0-70°C |
| • Packaging Weight    | Up to 30 kg |                              |                    |

### Adhesion to Values

- |         |        |
|---------|--------|
| • steel | 3 N/cm |
|---------|--------|

### Certificates

#### Sustainability Certificates

- Adhesive removability in the recycling process tested according to INGEDE method 12 at an independent institute.

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### Additional Information

- Tape can be disposed together with the carton in the paper collection bin

### Disclaimer

tesa<sup>®</sup> products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All information and recommendations are provided to the best of our knowledge on the basis of our practical experience. Nevertheless tesa SE can make no warranties, express or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. Therefore, the user is responsible for determining whether the tesa<sup>®</sup> product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical support staff will be glad to support you.



For latest information on this product please visit <http://l.tesa.com/?ip=60416>